CLAIMS

1. A contour collimator (1) for radiation therapy having a plurality of diaphragm elements (13, 14) arranged movably with respect to each other, such movement being powered by a drive unit (17, 17'), characterized in that the diaphragm elements (13, 14) are supported only on the side of the drive unit (17, 17').

2. The contour collimator according to claim 1, characterized in that diaphragm elements (13, 14) are furnished with a toothed rack (33) in the area of drive unit (17, 17').

3. The contour collimator according to either of the previous claims, characterized in that a guide for the diaphragm elements (13, 14) is disposed directly adjacent to the drive unit (17, 17').

4. The contour collimator according to any of the previous claims, characterized in that a loose bedding (30, 30') is provided for diaphragm elements (13, 14) on the side of the diaphragm elements (13, 14) opposite to drive unit (17, 17').

5. The contour collimator according to any of the previous claims, characterized in that at least two diaphragm elements (13, 14) arranged with some separation, opposite and slightly offset relative one another, and movably towards one another in more than half the distance of separation.

6. The contour collimator according to any of the previous claims, characterized in that the longitudinal axes of least two diaphragm elements (13, 14) form an angle over the distance from the drive unit (17, 17') to their facing side.

7. The contour collimator according to any of the previous claims, characterized in that the side of a diaphragm element (13, 14) in the area of the drive unit (17, 17') in the direction of movement (34) of the diaphragm element (13, 14) is longer than its opposite side.

8. The contour collimator according to any of the previous claims, characterized in that at least two diaphragm elements (13, 14) form a diaphragm group (2, 3) which is arranged movably in the direction of movement of the diaphragm elements (13, 14) in addition to the movement of individual diaphragm elements (13, 14).

9. The contour collimator according to claim 8, characterized in that two diaphragm groups (2, 3) are arranged opposite one another in the direction of movement (34) of the diaphragm elements (13, 14) and movably towards one another on guide rails (4, 5, 6, 7).

10. The contour collimator according to any of the previous claims, characterized in that drive unit (17, 17') is equipped with a rotary potentiometer (28) to record the position of the diaphragms.